



National
Aeronautics and
Space
Administration

Patent Application
MSC-22859-2-CU
(NASA Case No.)

L etter Transmitting Patent Amendment

THE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, DC 20231

Sir:

Transmitted herewith is an amendment as identified below:

Serial No.: 09/532,001 Confirmation No.: 7201 Filed: March 21, 2000

Examiner: Karen Lacourciere Group Art Unit: 1635

Entitled: Production of Functional Proteins: Balance of Shear Stress and Gravity

The fee has been calculated as shown below:

CLAIMS AS AMENDED					
FOR (1)	CLAIMS REMAINING AFTER AMENDMENT (2)	HIGHEST NUMBER PREVIOUSLY PAID FOR (3)	PRESENT EXTRA (4)	RATE (5)	ADDITIONAL FEE (6)
TOTAL CLAIMS -----	* 17	** 20	= * 0	x \$18.00 =	\$0.00
INDEPENDENT CLAIMS -----	* 5	*** 3	= * 2	x \$86.00 =	\$172.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT ➤					\$172.00

*If the entry in column (2) is less than the entry in column (3), enter "0" in column (4).

**If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter 20 in this space.

***Minimum number here is 3, even though a lesser number appeared in the application as filed.

No additional fee is required.

Please charge our Deposit Account No. 14-0116 shown as "TOTAL ADDITIONAL FEE," above. The Commissioner is hereby authorized to charge an additional fee which may be required to effect the filing of this application under 37 CFR 1.16, or credit any overpayment to Deposit Account No. 14-0116.

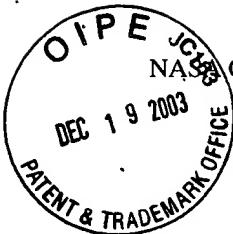
Reunior 16, 2003

(Date)

James M. Oot

(Attorney of Record) (Reg. No.)

NOTE: This form is to be used when filing an amendment to a patent application.



CASE NO. MSC-22859-2-CU

Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Thomas Goodwin et al. § Confirmation No. 7201
Appl. No. : 09/532,001 § TC/A.U.: 1635
Filed : March 21, 2000 § Examiner: Karen Lacourciere
Title : Production of Functional Proteins: §
Balance of Shear Stress and Gravity §

CERTIFICATE OF MAILING

Date of Deposit: November 14, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Printed Name: James M. CarterSignature: James M. Carter

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Communication mailed August 8, 2003, Applicants respectfully respond as follows:

Amendments to the Specification. There are no amendments to the specification.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Amendments to the Drawings. There are no amendments to the drawings.

Remarks/Arguments begin on page 5 of this paper.

01/06/2004 AWONDAF1 00000008 140116 09532001

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